

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lifson

Serial No.:

10/692,511

Filed:

October 24, 2003

Title:

Dual Economizer Heat Exchangers for Heat Pump

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dated: February 16, 2004

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Multiple references are listed on an attached PTO-1449 Form.

Applicant believes that no additional fees are necessary, however, the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds for any additional fees or credit the account for any overpayment.

Respectfully submitted,

Theodore W. Olds, Reg. No. 33,080

Carlson, Gaskey & Olds 400 W. Maple Road, Ste. 350 Birmingham, MI 48009

(248) 988-8360

Certificate of Mail

I hereby certify that the enclosed Response is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of February, 2004.

Lindsey Fortney

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/692,511	
INFORMATION DISCLOSURE			CLOSURE	Filing Date	October 24, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Lifson	
				Art Unit		
	(use as many shee	ts as	necessary)	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	60,246-234; 10,752	

	U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		us- 4,876,859	10-31-1989	Kitamoto				
		us- 5,875,637	03-02-1999	Paetow				
		us- 6,047,556	04-11-2000	Lifson				
		us- 6,206,652	03-27-2001	Caillat				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 -Number 4- Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T	
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Signature	Considered	

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Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2

Complete if Known				
Application Number	10/692,511			
Filing Date	October 24, 2003			
First Named Inventor				
Group Art Unit				
Examiner Name				
Attorney Docket Number	60,246-234; 10,752			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		Systems & Advanced Technologies Engineering S.r.I., publication entitled "Compsys - Dynamic Simulation of Gas Compression Plants", dated 6/12/2002	
		Copeland Europe publication entitled "Refrigeration Scroll for Parallel Applications" dated 2/26/2002.	
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



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